

Utah Health Information Technology Strategic Plan

2016-2020

GOAL 3: ENHANCE UTAH'S INTEROPERABLE HEALTH IT INFRASTRUCTURE

OBJECTIVES:

- 3A.** Endorse basic guidelines for HIT standards that align with and strengthen national certification requirements, including interoperability, to increase effective health information exchange
- 3B.** Protect privacy and security of electronic health information by increasing adherence to federal electronic health information security guidelines in independent facilities and practices
- 3C.** Increase functionality and effectiveness of state-wide HIE (CHIE) and support increased connections with other data sources including integrated delivery systems (IDS), HIEs, and providers.
- 3D.** Increase ability to exchange public health information with providers through various exchange methods to improve population health
- 3E.** Develop governance, access, and support for health data to be made available for analysis and use
- 3F.** Increase Utah's influence on the national forums related to effective delivery of care through HIT

PROJECTS (STRATEGIES)

3.01 Rural Community Connectivity to CHIE

Action: Implementation **Primary: UHIN**

Increase usage and participation in the CHIE. There has been much progress on this. There are three rural hospitals that still need to connect.

3.02 Bi-directional Immunization Query through CHIE

Action: Implementation **Primary: UHIN, UDOH-USIIS**

CHIE and the Utah Statewide Immunization Information System (USIIS) will develop a bi-directional immunization query through CHIE for CHIE providers to query USIIS for patient immunization histories.

3.03 EMS Integration exchange with CHIE

Action: Implementation **Primary: UHIN**

Create an interface for EMS providers to query for information from their patients.

3.04 Patient Centered Data Home - Multi-HIE Connections

Action: Implementation **Primary: UHIN**

In production with 14 states including Alabama, Arizona, Arkansas, California, Colorado, Idaho, Indiana, Kentucky, Michigan, Nebraska, Nevada, Ohio, Oklahoma, and Tennessee. In process with 7 additional states including Alaska, Iowa, Louisiana, North Dakota, Oregon, Texas, and Washington.

3.05 Poison Control Center Data Integration

Action: Implementation **Primary: UHIN, UDOH**

This is to get records in the hands of poison control to facilitate continuity of care. This project will work towards all referred hospitals receiving intake information gathered from the Poison Control center as well as follow up information sent back to the Poison Control Center for training and quality assessment. This is an expanded project from the initial work with St. Marks and Intermountain.

3.06 The Shared Identity Services for Utahns (ThSisU) / Statewide MPI

Action: Planning **Primary: UDOH, HealthInsight**

To develop a statewide and community-based identity validation services for improving quality of health services and reducing abuse, misuses, and cost. (Baseline = 0)

3.07 EHR, HIE connections to the Controlled Substance Database

Action: Planning **Primary: DOPL, UDOH, UHIN**

To develop connectivity among the Utah Controlled Substance Database (CSD) with EHRs, the CHIE, pharmacies to increase and improve the uses of CSD for reducing the opioids overdoses prescriptions and deaths. (Baseline = 0)

3.08 UHIN HIT Conference

Action: Implementation **Primary: UHIN**

Annual educational community based conference.

3.09 CHIE Adoption

Action: Expansion **Primary: UHIN**

Increase the usage and participation in the CHIE.

3.10 CHIE Connections

Action: Expansion **Primary: UHIN, UDOH**

Improved CHIE with behavioral health providers, SNF HH and EMS.

3.11 Statewide Stroke and Cardiac Registries

Action: Planning **Primary: UHIN, UDOH, Health Insight**

These new registries are required by recent legislation. UDOH is exploring utilizing UHIN to receive hospital reporting to the statewide stroke and cardiac registries through CHIE.

3.12 Statewide Standards for Data Quality

Action: Planning **Primary: UHIN, UDOH, Health Insight, ThSisU**

Establish and implement standards for health data exchanges, building on ONC's standards. Deploy tools to clean data for analytics.

Goal 3: Enhance Utah's Interoperable Health IT Infrastructure									
Measures	No.	Indicator	Responsible Organization	Baseline 12/31/2016	12/2017	3/2018	Current 9/2018	2018 Goal	Status/Comments
3.1. Message exchange between physical and behavioral health	3.1.1	# of behavior health providers registered in cHIE	UHIN	n/a	5	5	5	Increase	No change
	3.1.2	# of behavior health providers with cHIE direct account	UHIN	n/a	4	4	5	Increase	Increased
3.2. Progress on ThSisU Shared Identification	3.2.1	# of identity validation messages exchanged	UHIN	0	0	0	0	1	No change
3.3. Measurement of progress of community-wide data exchange through CHIE	3.3.1	# of messages being exchanged via cHIE per month	UHIN	n/a	49.4 Million	54.6 Million	54.6 Million	Increase	No change last 6 months, goal met prior reporting
	3.3.2	# of data sources (Fees in PRD) to cHIE	UHIN	n/a	119 (?)	329	337	Increase	Increased
	3.3.3	# of lives represented with clinical data in cHIE	UHIN	n/a	4.9 Million	5.0 Million	6.4 Million	Increase	Increased
	3.3.4a	# of public health programs <i>send</i> data to cHIE	UDOH	1	1	1	1	2	No change
	3.3.4b	# of public health programs <i>receive</i> data from cHIE	UDOH	8	9	9	9	10	No change
	3.3.4c	# of public health programs having <i>bi-directional exchange</i> with cHIE	UDOH	0	0	0	0	1	No change - bidirectional interface with USIIS in process
	3.3.5	# of Indian Health Services <i>developing</i> data exchange with cHIE	UHIN	n/a	4	4	4	Increase	No change
	3.3.6	# of home health agencies <i>developing</i> data exchange with cHIE	UHIN	n/a	10	10	17	Increase	Increased
	3.3.7	# of skilled nursing facilities <i>exchanging</i> data with cHIE	UHIN	n/a	11	11	11	Increase	No change